

Form PTO-1449 (modified)

Atty. Docket No.
UTSG:231US/GNSSerial No.
09/587,653

List of Patents and Publications for Applicant's

Applicant

David V. Sangar and Stanley M. Lemon

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Filing Date:
June 5, 2000Group:
1643 1648U.S. Patent Documents
See Page 1Foreign Patent Documents
See Page 1Other Art
See Page 1

U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
100	A1	5,807,670	09/15/98	Muerhoff <i>et al.</i>	435	5	12/21/95

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
100	C1	Al <i>et al.</i> , "Expression of recombinant hepatitis C virus in non-structural protein 5B escherichia coli.," <i>Virus Res</i> 53:141-149, 1998.
	C2	Beard <i>et al.</i> "An infectious molecular clone of a japanese genotype 1b hepatitis c virus," <i>Hepatology</i> , 30:316-324 1999.
	C3	Behrens <i>et al.</i> , "Identification and properties of the RNA dependent RNA polymerase of hepatitis C virus," <i>EMBO J</i> , 15:12-22, 1996.
	C4	Chambers <i>et al.</i> , "Yellow fever/Japanese encephalitis chimeric viruses. construction and biological properties," <i>J Virol</i> , 73:3095-3101, 1999.
	C5	Choo <i>et al.</i> , "Vaccination of chimpanzees against infection by the hepatitis C virus," <i>Proc Natl Acad Sci USA</i> , 91:1294-1298, 1994.
	C6	Farci <i>et al.</i> , "Lack of protective immunity against reinfection with hepatitis c virus," <i>Science</i> , 258:135-140. 1992.
	C7	Farci <i>et al.</i> , "The natural history of infection with hepatitis C virus (HCV) in chimpanzees: Comparison of serologic responses measured with first- and second-generation assays and relationship to HCV viremia," <i>The Journal of Infectious Diseases</i> , 165:1006-1011, 1992.
	C8	Frolov <i>et al.</i> , "Cis-acting RNA elements required for replication of bovine viral diarrhea virus-hepatitis C virus 5' nontranslated region chimeras," <i>RNA</i> 4:1418-1435, 1998.

1628766.1

EXAMINER:

DATE CONSIDERED:

2/14/02

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

Form PTO-1449 (modified)

Atty. Docket No.
UTSG:231US/GNSSerial No.
09/587,653

List of Patents and Publications for Applicant's

Applicant

David V. Sangar and Stanley M. Lemon

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Filing Date:
June 5, 2000Group:
~~1645~~ 1648U.S. Patent Documents
See Page 1Foreign Patent Documents
See Page 1Other Art
See Page 1

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
100	C9	Hijkata <i>et al.</i> , "Two distinct protease activities required for the processing of a putative nonstructural precursor protein of hepatitis C virus," <i>J Virol</i> , 67:4665-4675, 1993.
	C10	Honda <i>et al.</i> , "Stability of a stem-loop involving the initiator AUG controls the efficiency of internal initiation of translation on hepatitis C virus RNA," <i>RNA</i> , 2:955-968, 1996.
	C11	Karayiannis <i>et al.</i> , "Studies of GB hepatitis agent in tamarins," <i>Hepatology</i> , 9:186-192, 1989.
	C12	Kim <i>et al.</i> , "Crystal structure of the hepatitis C virus NS3 protease domain complexed with a synthetic NS4A cofactor peptide," <i>Cell</i> , 87:343-355, 1996.
	C13	Kolykhalov <i>et al.</i> , "Transmission of hepatitis C by intrahepatic inoculation of transcribed RNA," <i>Science</i> , 277:570-574, 1997.
	C14	Kolykhalov <i>et al.</i> , "Identification of a highly conserved element at the 3' terminus of hepatitis C virus genome RNA," <i>J Virol</i> , 70:3363-3371, 1996.
	C15	Lemon and Honda, "Internal ribosome entry sites within the RNA genomes of hepatitis C virus and other flaviviruses," <i>Seminars in Virology</i> , 8:274-288, 1997.
	C16	Lu and Wimmer, "Poliovirus chimeras replicating under the translational control of genetic elements of hepatitis C virus reveal unusual properties of the internal ribosomal entry site of hepatitis C virus," <i>Proc Natl Acad Sci USA</i> , 93:1412-1417, 1996.
	C17	Muerhoff <i>et al.</i> , "Genomic organisation of GB viruses A and B: Two new members of the flaviviridae associated with GB agent hepatitis," <i>J Virol</i> , 69:5621-5630, 1995.
	C18	Pletnev <i>et al.</i> , "Construction and characterization of chimeric tick-borne encephalitis/dengue type 4 viruses," <i>Proc. Natl Acad Sci USA</i> , 89:10532-10536, 1992.
	C19	Reynolds <i>et al.</i> , "Unique features of internal initiation of hepatitis C virus RNA translation," <i>EMBO J</i> , 14:6010-6020, 1995.
	C20	Rijnbrand <i>et al.</i> , "Mutational analysis of the GB virus B internal ribosome entry site," <i>J Virol</i> , 74:773-783, 2000.
	C21	Scarselli <i>et al.</i> , "GB virus B and hepatitis C virus share substrate specificity," <i>J Virol</i> , 71:4985-4989, 1997.
	C22	Schlauder <i>et al.</i> , "Molecular and serological analysis in the transmission of the GB hepatitis agent," <i>J Med Virol</i> , 46:81-90, 1995.

1628766.1

EXAMINER:

DATE CONSIDERED:

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

Form PTO-1449 (modified)

List of Patents and Publications for Applicant's

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Atty. Docket No.
UTSG:231US/GNSSerial No.
09/587,653Applicant
David V. Sangar and Stanley M. LemonFiling Date:
June 5, 2000Gr up:
~~1645~~ 1648U.S. Patent Documents
See Page 1Foreign Patent Documents
See Page 1Other Art
See Page 1

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
LO	C23	Shaffer <i>et al.</i> , "A hepatitis A virus deletion mutant which lacks the first pyrimidine-rich tract of the 5' nontranslated RNA remains virulent in primates after direct intrahepatic nucleic acid transfection," <i>J Virol</i> , 69:6600-6604, 1995.
	C24	Simons <i>et al.</i> , "Identification of two flavivirus like genomes in the GB hepatitis agent," <i>Proc Natl Acad Sci</i> , 92:3401-3405, 1995.
	C25	Tanaka <i>et al.</i> , "A novel sequence found at the 3' terminus of hepatitis C virus genome," <i>Biochem Biophys Res Comm</i> , 215:744-749, 1995.
	C26	Todd <i>et al.</i> , "Replication competent picornaviruses with complete genomic RNA 3' non-coding deletions," <i>J Virol</i> , 71:8868-8874, 1997.
	C27	Yanagi <i>et al.</i> , "Transcripts from a single full length cdna clone of hepatitis c virus are infectious when directly transfected into a liver of a chimpanzee," <i>Proc Natl Acad Sci USA</i> , 94:8738-8743, 1998.
	C28	Yao <i>et al.</i> , "Structure of the hepatitis C virus RNA helicase domain," <i>Nature Structural Biology</i> , 4:463-467, 1997.
	C29	Zhao <i>et al.</i> , "Poliovirus/hepatitis C virus (internal ribosome entry site-core) chimeric viruses: improved growth properties through modification of a proteolytic cleavage site and requirement for core RNA sequence but not for core related polypeptides," <i>J Virol</i> , 73:1546-1554, 1999.

1628766.1

EXAMINER:

DATE CONSIDERED:

2/14/02

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.